

Converting Colors

CIELCh(73, 73.892, 326.454)

Have a look what the booklet for
CIELCh(73, 73.892, 326.454)
contains.

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Color

CIELCh(73, 73.892, 326.454)

Conversions

Conversions Part 1

Format	Color
Hex	FD86FF
RGB	253, 134, 255
RGB Percent	99%, 53%, 100%
CMY	0.0077, 0.4744, 0.0000
CMYK	0.01, 0.47, 0.00, 0.00
HSL	299°, 100%, 76%
HSV	299°, 47%, 100%
XYZ	67.0980, 45.1644, 99.8077
YIQ	183.3750, 32.0830, 62.8590

Conversions

Conversions Part 2

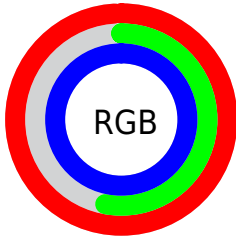
Format	Color
R_{YB}	253, 134, 255
Decimal	16615167
CIE _{Lab}	73.00, 61.58, -40.83
CIE _{LCh}	73, 73.892, 326.454
Yxy	45.1644, 0.3164, 0.2130
Android (android.graphics.Color)	4294805247 (0xFFFD86FF)
YUV	183.3750, 35.3111, 61.0611
Hunter-Lab	67.2044, 60.6095, -41.0106

Details

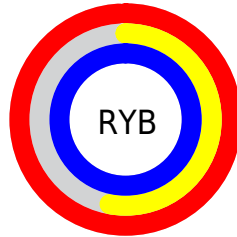
The CIELCh color **73, 73.892, 326.454** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 74.110, 140.250**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 40.132, 325.817**, and **53, 74.148, 326.419** is the 20% darker color. If you saturate the color by 10%, you get **69, 87.148, 326.867**, and if you desaturate by 10%, it is **78, 59.191, 325.991**.

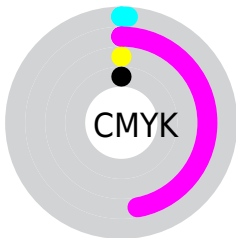
Distribution



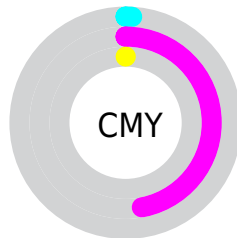
- Red (99%)
- Green (53%)
- Blue (100%)



- Red (99%)
- Yellow (53%)
- Blue (100%)



- Cyan (1%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (47%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 73.892, 326.454 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 73, 73.892, 326.454 by changing the saturation by 10% instead.


 73, 73.892,
326.454


 73, 73.892,
326.454


 100, 73.892,
326.454


 63, 73.892,
326.454


 93, 73.892,
326.454

 53, 73.892,
326.454

 43, 73.892,
326.454

 33, 73.892,
326.454

 23, 73.892,
326.454

 13, 73.892,
326.454

 3, 73.892, 326.454

73, 73.892,
326.454

73, 73.892,
326.454

69, 87.148,
326.867

78, 59.191,
325.991

65, 98.361,
327.193

83, 43.658,
325.480

62, 106.938,
327.424

89, 27.741,
324.942

61, 112.527,
327.550

95, 11.778,
324.385

60, 115.214,
327.577

100, 0.012,
296.813

60, 115.649,
327.575

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73, 73.892, 326.454



91, 74.110, 140.250

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



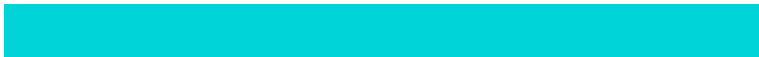
73, 73.892, 326.454



73, 73.892, 16.454



73, 73.892, 146.454



73, 73.892, 196.454

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73, 73.880, 326.460



91, 22.240, 324.753



62, 66.624, 296.469



47, 15.367, 324.872



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 73.880, 326.460



69, 86.603, 326.850



71, 54.254, 347.709



50, 9.011, 324.503



45, 93.147, 327.586



12, 42.848, 327.664

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70, 50.139, 23.547



65, 61.672, 25.748



92, 51.722, 157.815



49, 5.252, 18.622



40, 83.490, 39.358



10, 33.231, 26.526

Previews

White Background



This preview shows how the CIELCh color 73, 73.892, 326.454 looks on a white background.

Color Contrast Check

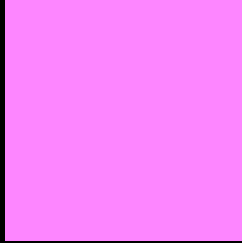
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 73.892, 326.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

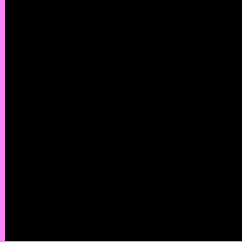
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 73.892, 326.454

Background



This preview shows how black text looks on a background with the CIELCh color 73, 73.892, 326.454.



This preview shows how white text looks on a background with the CIELCh color 73, 73.892, 326.454.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

73, 73.892, 326.454

Protanopia

73, 42.576, 284.971

Deuteranopia

73, 38.210, 285.058



Tritanopia
73, 34.767, 13.154

Trichromacy



Original Color
73, 73.892, 326.454



Protanomaly
72, 52.164, 304.724



Deuteranomaly
72, 49.700, 306.274

Tritanomaly
73, 44.982, 346.822

Monochromacy



Original Color
73, 73.892, 326.454



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 28.462, 324.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 73.892, 326.454 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(253, 134, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 134, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(253, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 134, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 73.892, 326.454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 134, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(253, 134, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(253, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 134,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 73.892, 326.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 134, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(253,  
134, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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